

AMENDMENTS TO THE SPECIFICATION:

Please amend the specification by deleting the paragraph at page 32, line 31 to page 33, line 6:

~~The databases of the invention may be linked to an outside or external database such as GenBank (www.ncbi.nlm.nih.gov/entrez/index.html); KEGG (www.genome.ad.jp/kegg); SPAD (www.grt.kyushu-u.ac.jp/spad/index.html); HUGO (www.gene.ucl.ac.uk/hugo); Swiss-Prot (www.expasy.ch/sprot); Prosite (www.expasy.ch/tools/scnpsit1.html); OMIM (www.ncbi.nlm.nih.gov/omim); GDB (www.gdb.org); and GeneCard (bioinformatics.weizmann.ac.il/cards). In a preferred embodiment, as described in Tables 1-3, the external database is GenBank and the associated databases maintained by the National Center for Biotechnology Information (NCBI) (www.ncbi.nlm.nih.gov).~~

and replacing it with the following paragraph:

--The databases of the invention may be linked to an outside or external database such as GenBank; Kyoto Encyclopedia of Genes and Genomes ("KEGG"); Signaling Pathway Database ("SPAD"); The Human Genome Organisation ("HUGO"); Swiss-Prot; Prosite; Online Mendelian Inheritance in Man ("OMIM"); The Genome DataBase ("GDB"); and GeneCard. In a preferred embodiment, as described in Tables 1-3, the external database is GenBank and the associated databases maintained by the National Center for Biotechnology Information (NCBI).--